

# NextGen Net-Centric Operations

## JPDO “All Hands” Meeting

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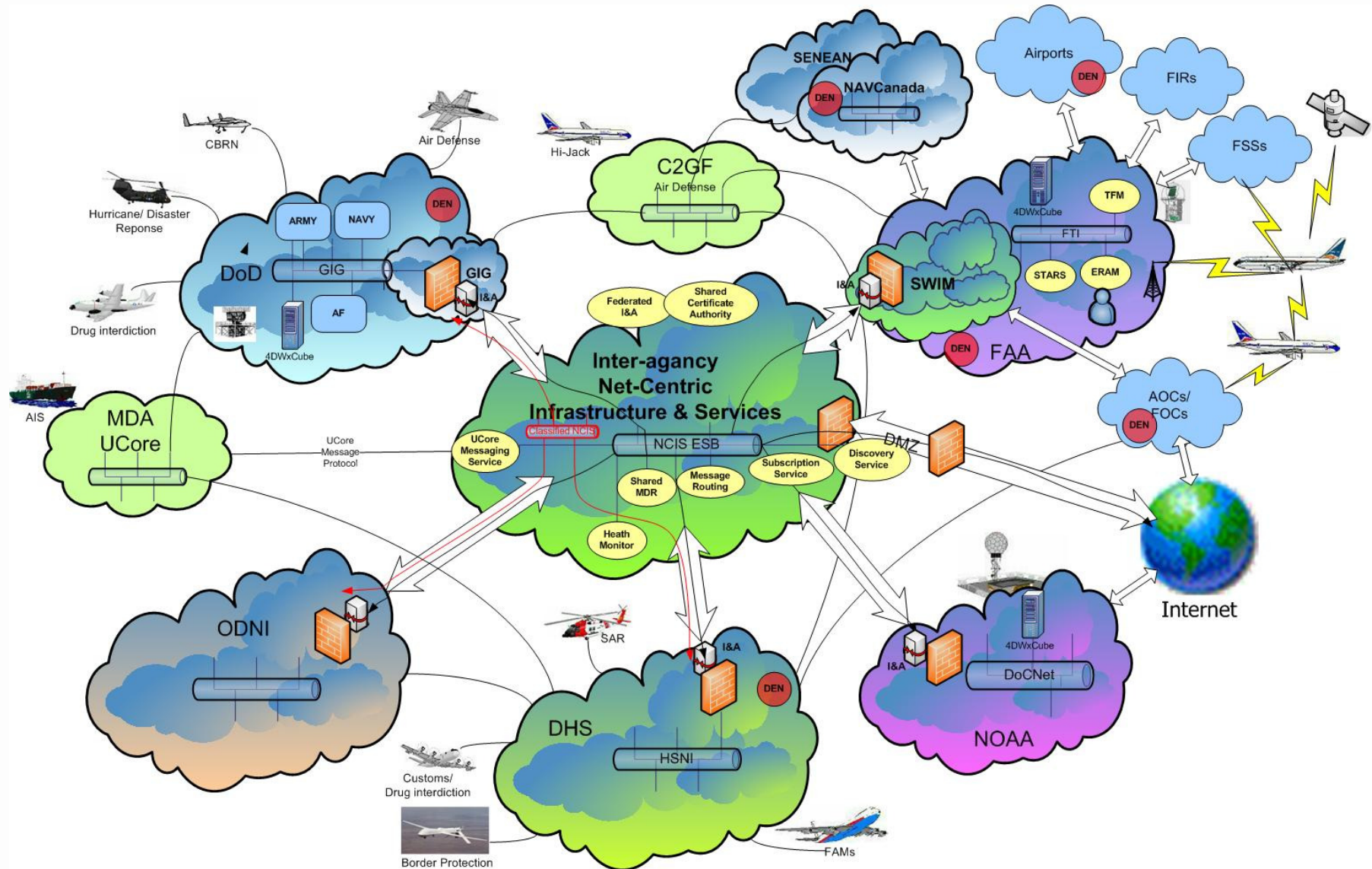
# Net-Centric Operations Watchwords

- Innovation
- Gradual Transition
  - Near-term practical solutions
- Security

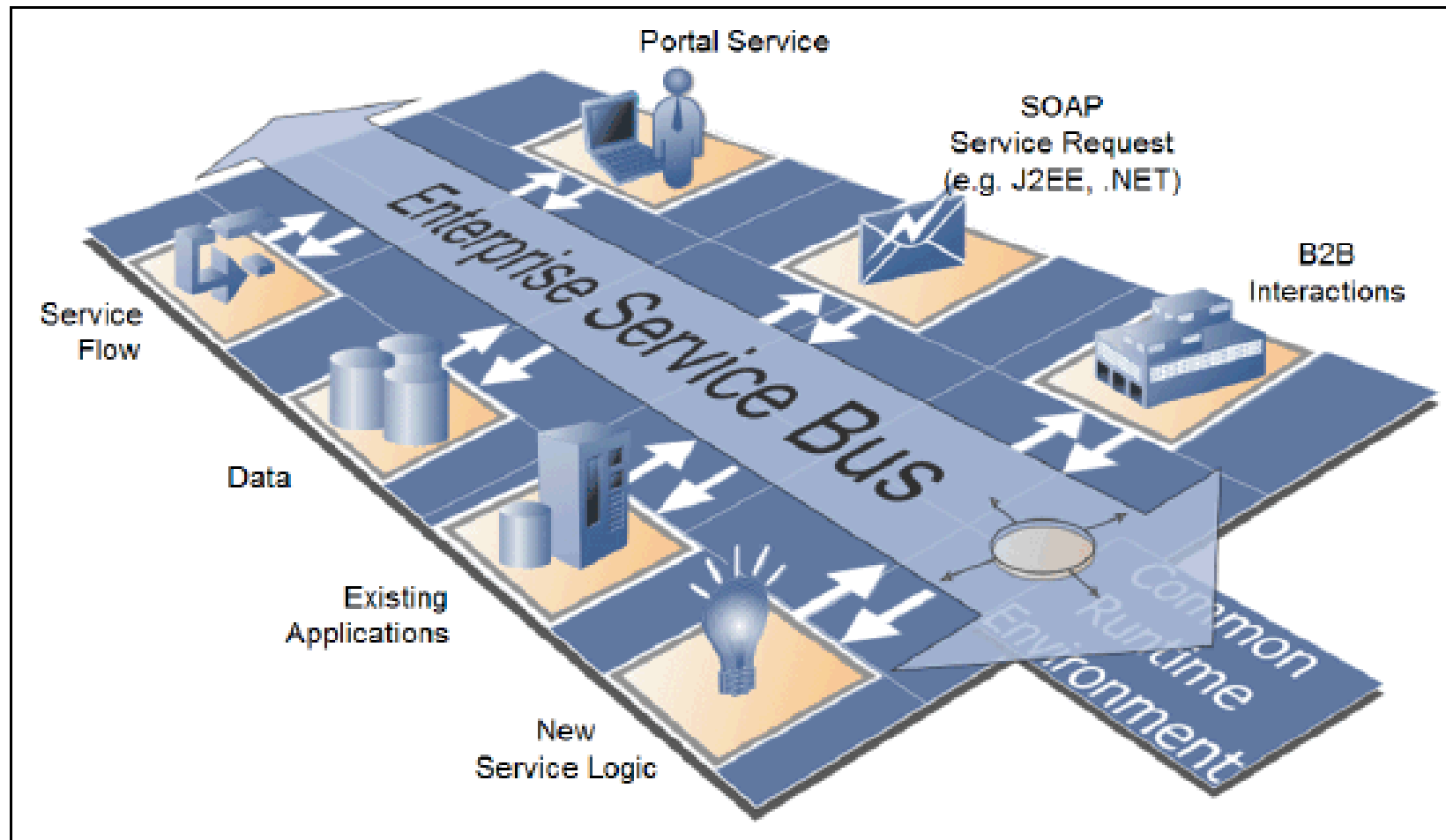
# Innovation



# Net-Centric

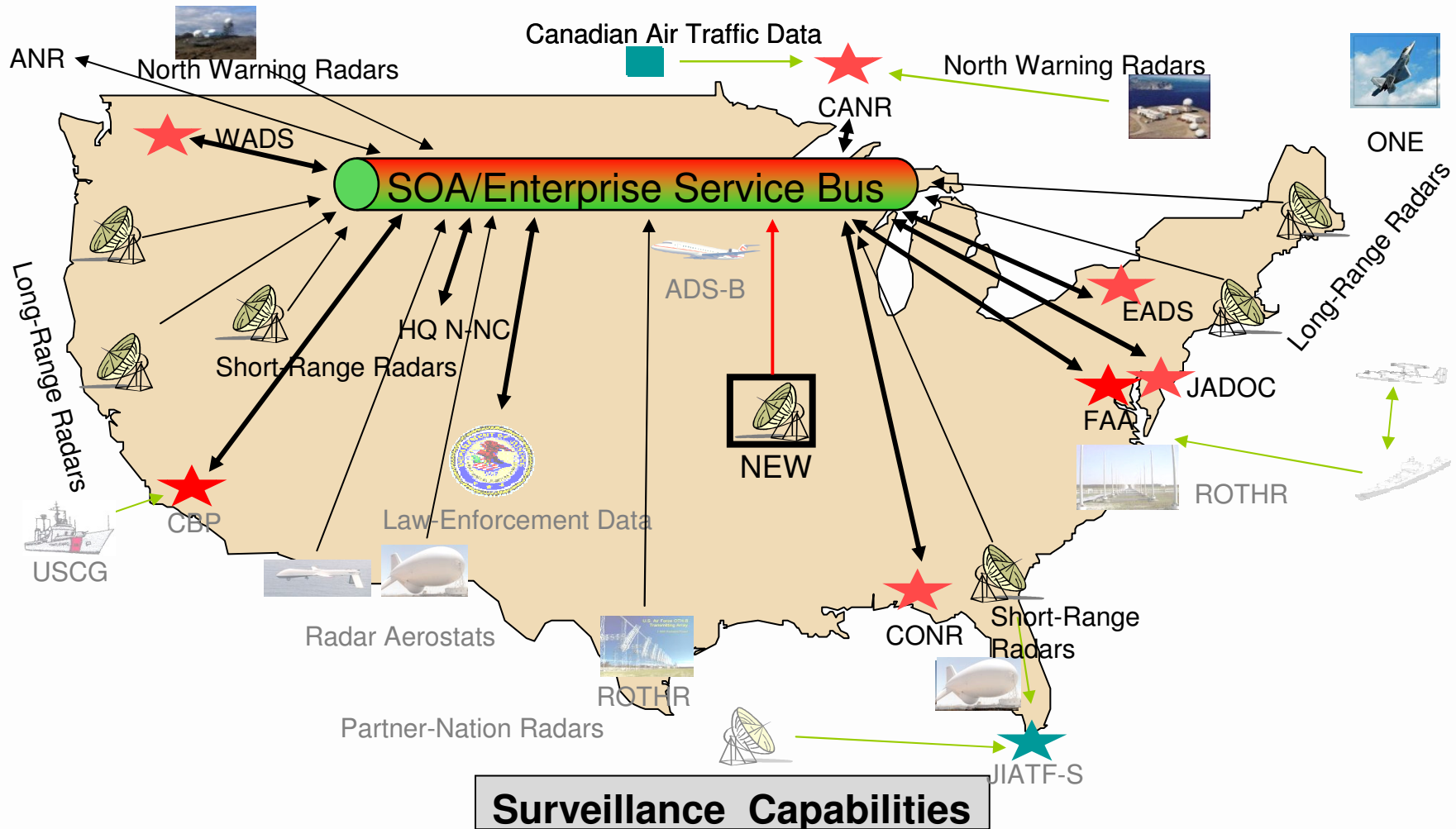


# Services Oriented

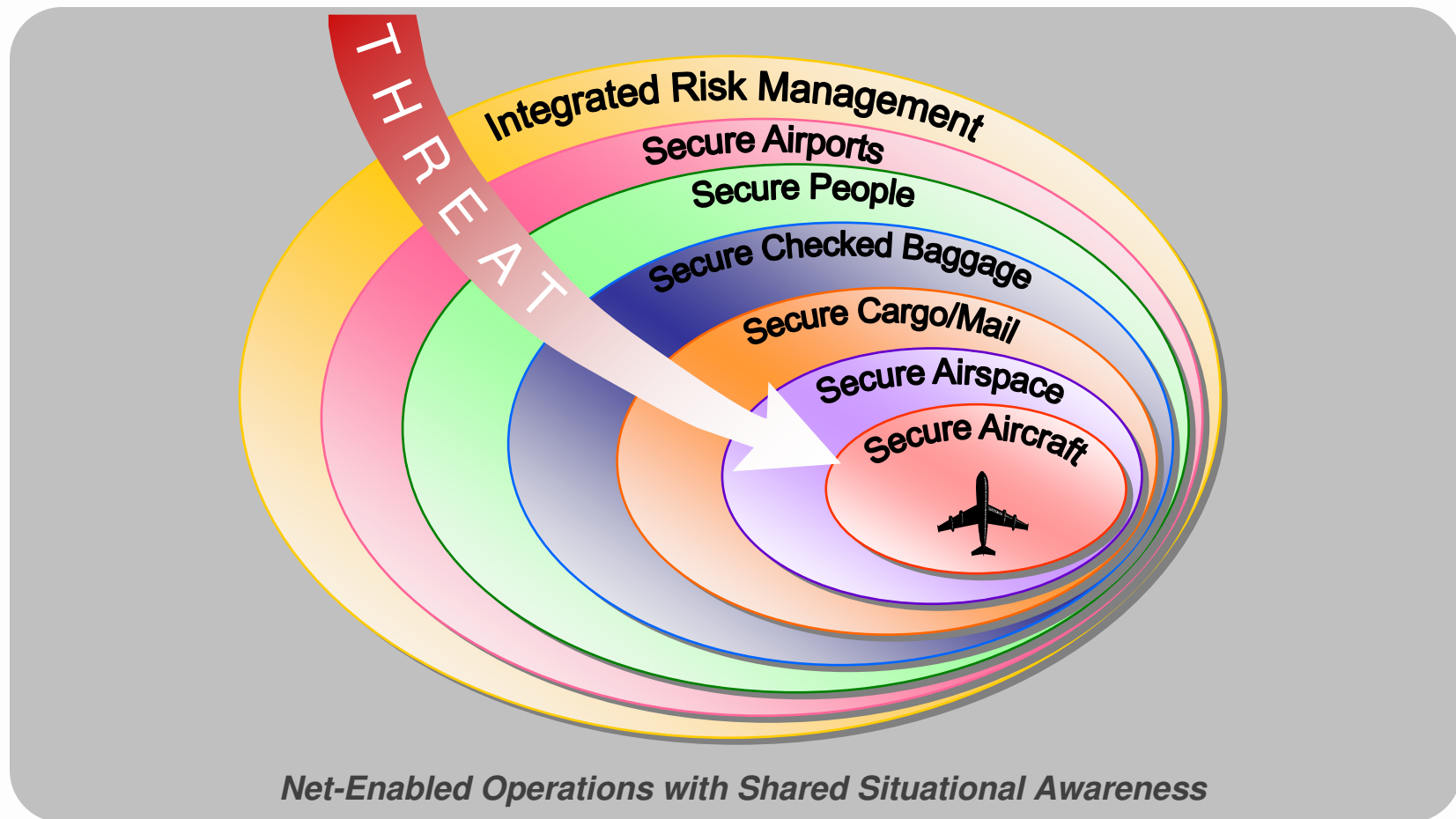




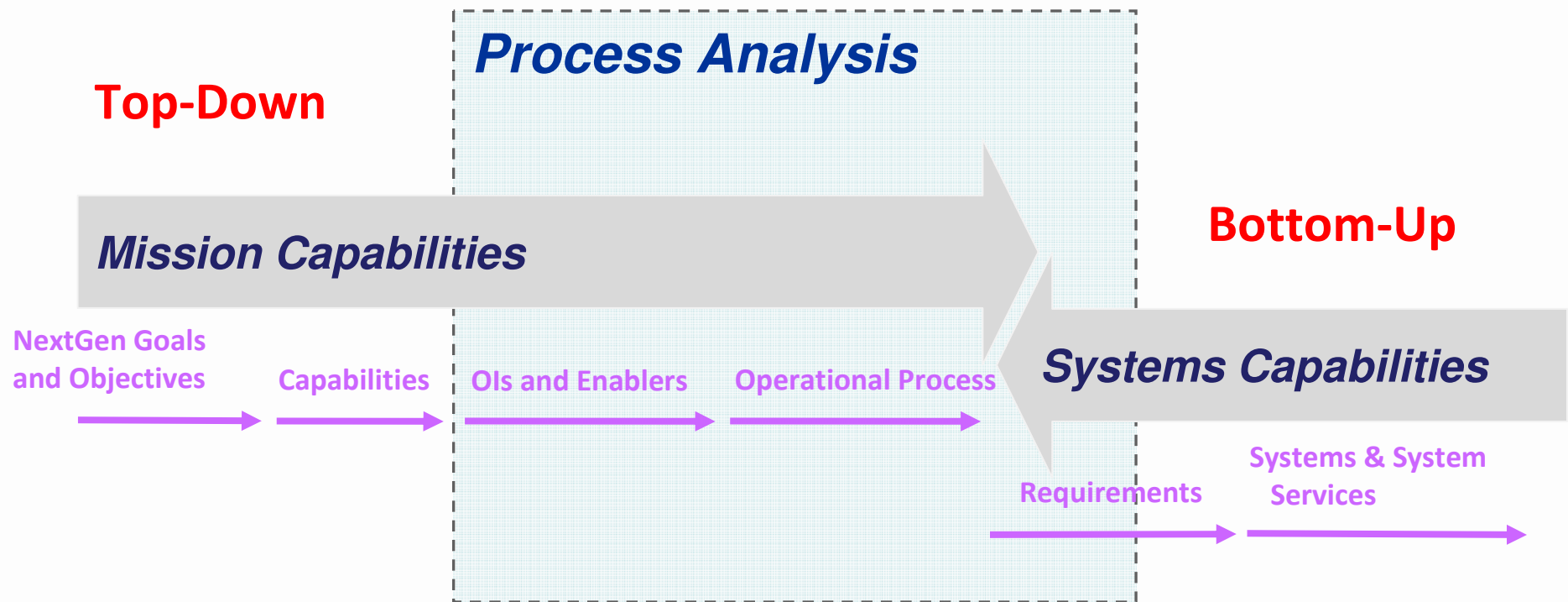
# Integrated Surveillance



# Layered Adaptive Security



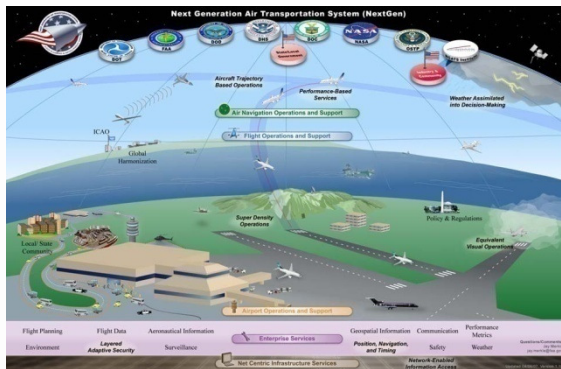
# Architecture-Based Approach



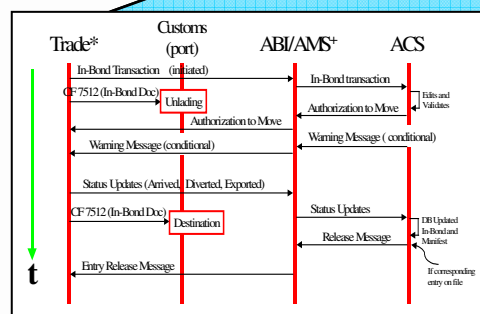
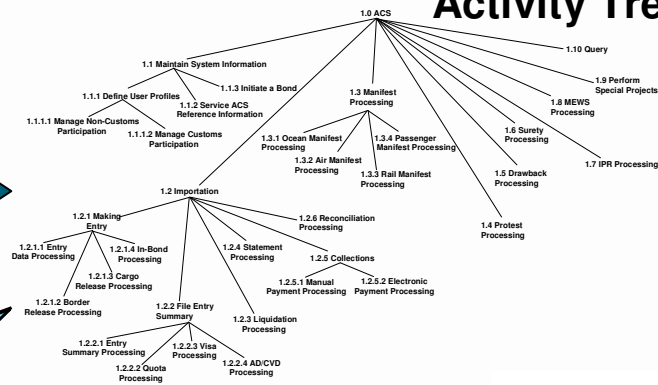


# NCO Focus-Data Exchange

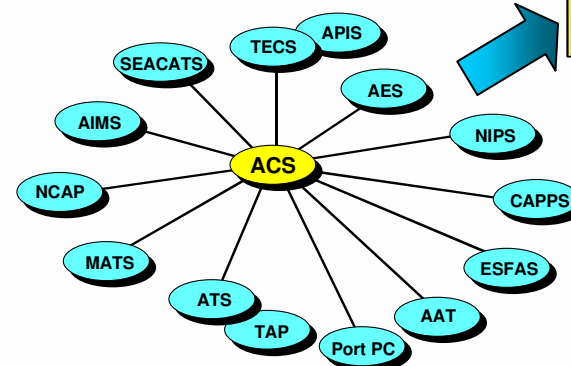
## CONOPS Graphic



## Activity Tree



## Operational Sequence Diagrams

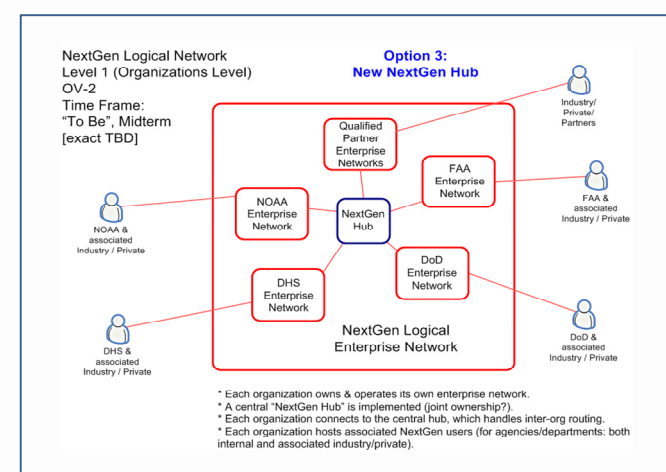
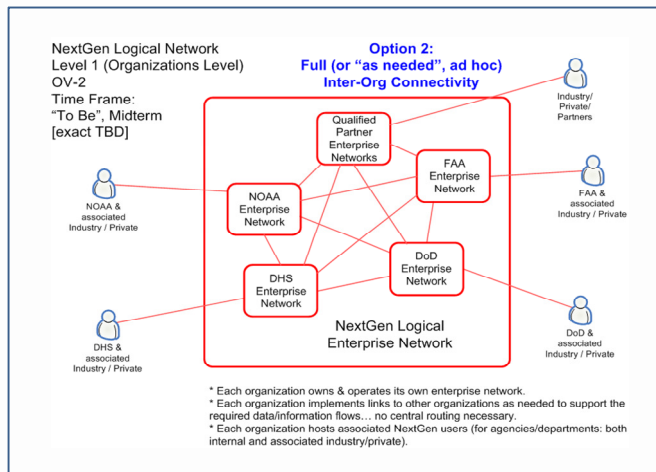
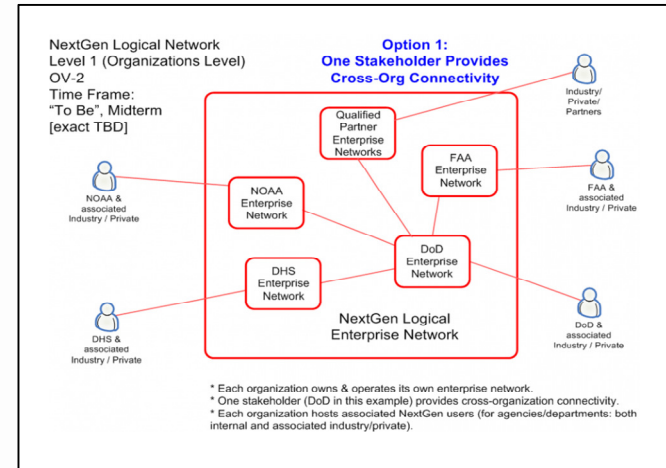
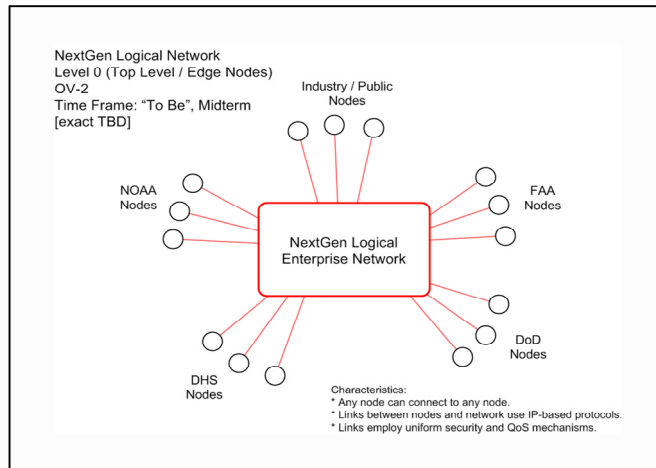


## Node Connectivity Diagrams

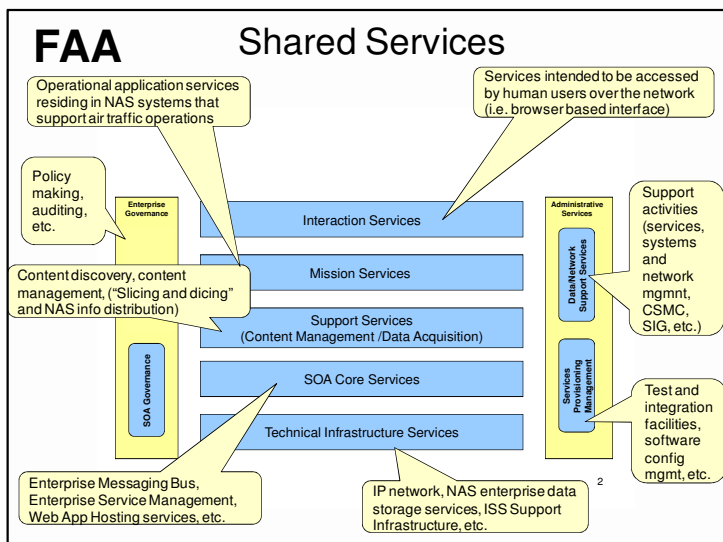
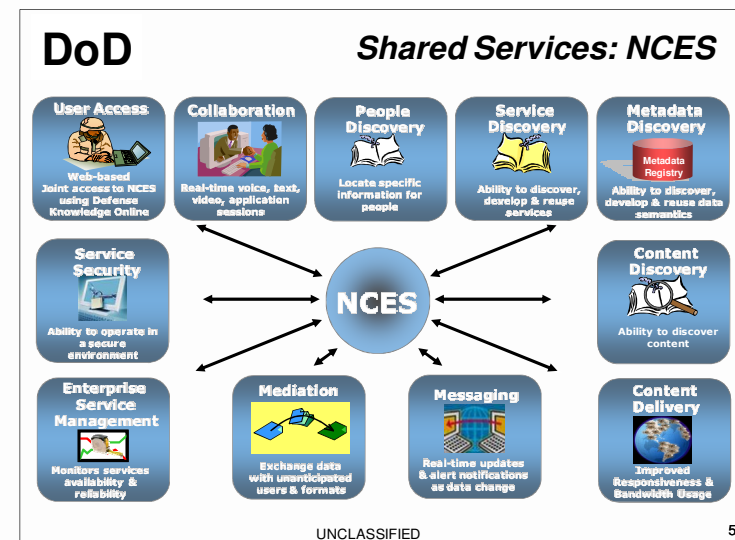
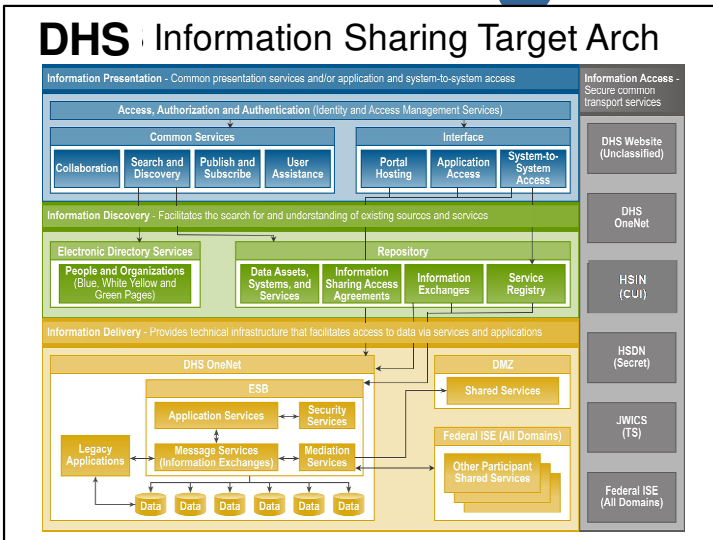
Source	Destin	Mission	Info Flow	Comm Media
N1	N2			
N2	N1			
N1	N3			
N3	N2			

## Information Exchange Matrix

# Choosing a Topology



# Interagency Federation



NWS, Intel Community,  
Other agencies,  
Commercial carriers,  
International,  
Other....

# Transformation



# Process to Culture

## *Traction*

- Establish governance arrangements and supplier relationships
- Define core services “spine”

## *Foundation*

- Establish services framework
- Build initial services
- Integrate some legacy applications

## *Momentum*

- Build out from initial services
- End-to-end process transformation
- Critical mass established
- Increased delivery of benefits

## *NCO Culture*

- Services-based culture being established
- Changes to operating model & organizational structure
- Clear operational benefits (e.g., increased agility) and financial returns



# Status

- Weather
  - Selected Information Exchanges defined
  - NNEW Demonstration
- Integrated Surveillance
  - CONOPS
  - Scenario-Based Analysis
  - Governance
- Guidance Documents in draft
- Infrastructure work
  - Examining Current Infrastructures
  - Information Security Task Force
  - Standards Task Force

# Transformational

- Put the BEST People, BEST Processes, and BEST technology to work
- Establish most critical Key Performance Parameters, and allow NOTHING else
- TEST it for all it's worth